

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("3982910").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 09:07
S2	55	("3982910").URPN.	USPAT	ADJ	ON	2007/09/17 10:36
S3	48	S2 and @ad<"20030528"	USPAT	ADJ	ON	2007/09/18 10:16
S4	37	S3 and reform\$5	USPAT	ADJ	ON	2007/09/17 10:55
S5	255	48/61.ccls.	USPAT	ADJ	ON	2007/09/17 11:42
S6	1856	48/116,117,197r,212.ccls.	USPAT	ADJ	ON	2007/09/17 11:42
S7	1537	48/63,113,94,95,180.1.ccls.	USPAT	ADJ	ON	2007/09/17 11:42
S8	3497	S5 or S6 or S7	USPAT	ADJ	ON	2007/09/17 11:42
S9	406	S8 and (reformer or reforming)	USPAT	ADJ	ON	2007/09/17 11:43
S10	95	(shift converter or water gas shift) and prox and fuel cell	USPAT	ADJ	ON	2007/09/17 11:43
S11	13	S9 and S10	USPAT	ADJ	ON	2007/09/17 11:43
S12	11	S11 and @ad<"20030528"	USPAT	ADJ	ON	2007/09/17 11:44
S13	485	48/61.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:42
S14	2845	48/116,117,197r,212.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:42
S15	2778	48/63,113,94,95,180.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:42
S16	3497	S13 or S14 or S15	USPAT	ADJ	ON	2007/09/17 11:42
S17	406	S16 and (reformer or reforming)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:43
S18	311	(shift converter or water gas shift) and prox and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:43
S19	13	S17 and S18	USPAT	ADJ	ON	2007/09/17 11:43
S20	13	S17 and S18	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:43
S21	1	"3982910".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 11:46

## EAST Search History

S22	4	2000-191304	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 11:46
S23	2	jp-2000191304\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 11:47
S24	2	ep-1198020\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 11:48
S25	2	jp-2002147718\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 11:48
S26	0	jp-2002154805	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 11:48
S27	2	jp-2002154805\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/17 14:29
S28	314	(reformer or reforming) and heat exchanger and (shift converter or water gas shift) and (prox or preferential oxidation)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 14:32
S30	206	S28 and @ad<"20030528"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/17 14:33

## EAST Search History

S31	52	(US-20040226217-\$ or US-20040197619-\$ or US-20040197238-\$ or US-20040187384-\$ or US-20040179998-\$ or US-20040091768-\$ or US-20040062956-\$ or US-20040048114-\$ or US-20040047800-\$ or US-20040047799-\$ or US-20040020124-\$ or US-20030200699-\$ or US-20030188475-\$ or US-20030093950-\$ or US-20030014918-\$ or US-20030170510-\$ or US-20030154654-\$ or US-20030093949-\$).did. or (US-7208241-\$ or US-7135048-\$ or US-7066973-\$ or US-7005113-\$ or US-6986797-\$ or US-6869707-\$ or US-6783741-\$ or US-6719831-\$ or US-6641625-\$ or US-6632270-\$ or US-6468480-\$ or US-6537352-\$ or US-6383670-\$ or US-6376113-\$ or US-6254839-\$ or US-5324452-\$ or US-7192460-\$ or US-7081144-\$ or US-7008707-\$ or US-6875246-\$ or US-7261963-\$ or US-7074373-\$ or US-6984372-\$ or US-6936238-\$ or US-6926748-\$ or US-6838062-\$). did. or (US-6630260-\$ or US-6521204-\$ or US-6475454-\$ or US-6913739-\$ or US-6887602-\$ or US-6485853-\$).did. or (EP-1198020-\$).did. or (JP-2000191304-\$).did.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 11:56
S32	44	S31 and control\$5	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 09:23
S33	1	"6921516".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/18 09:33
S34	3	S31 and second air	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 10:14
S35	1	excess air reformer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 10:16

## EAST Search History

S36	51	excess air with reformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/09/18 10:16
S37	25	S36 and @ad<"20030528"	USPAT	ADJ	ON	2007/09/18 10:55
S38	7	S37 and fuel cell	USPAT	ADJ	ON	2007/09/18 10:18
S39	0	S31 and heater and (controller same excess air fuel)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 10:42
S42	0	heater and (control\$4 same excess air fuel) and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 10:43
S43	2	(control\$4 same excess air fuel) and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 10:43
S44	1461	reformer same heater	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/18 10:55
S45	256	48/61.ccls.	USPAT	ADJ	ON	2007/09/18 10:55
S46	1856	48/116,117,197r,212.ccls.	USPAT	ADJ	ON	2007/09/18 10:55
S47	1537	48/63,113,94,95,180.1.ccls.	USPAT	ADJ	ON	2007/09/18 10:55
S48	32	S44 and (S46 or S47 or S45)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/18 10:58
S49	26	S48 and @ad<"20030528"	USPAT	ADJ	ON	2007/09/18 10:58
S50	1878	heater and fuel air mixture	USPAT	ADJ	ON	2007/09/18 10:58
S51	21	S50 and (S46 or S47 or S45)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/18 10:58
S52	20	S51 and @ad<"20030528"	USPAT	ADJ	ON	2007/09/18 11:04
S53	8	S52 and sensor	USPAT	ADJ	ON	2007/09/18 11:04
S54	10	S31 and sensor	USPAT	ADJ	ON	2007/09/18 11:04
S55	51	S31 and heat\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 11:57
S56	25	S31 and heater	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 11:57
S57	17	S56 and @ad<"20020620"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 13:50

## EAST Search History

S58	52	(US-20030014918-\$ or US-20030093949-\$ or US-20030093950-\$ or US-20030154654-\$ or US-20030170510-\$ or US-20030188475-\$ or US-20030200699-\$ or US-20040020124-\$ or US-20040047799-\$ or US-20040047800-\$ or US-20040048114-\$ or US-20040062956-\$ or US-20040091768-\$ or US-20040179998-\$ or US-20040187384-\$ or US-20040197238-\$ or US-20040197619-\$ or US-20040226217-\$).did. or (US-5324452-\$ or US-6254839-\$ or US-6376113-\$ or US-6383670-\$ or US-6468480-\$ or US-6475454-\$ or US-6485853-\$ or US-6521204-\$ or US-6537352-\$ or US-6630260-\$ or US-6632270-\$ or US-6641625-\$ or US-6719831-\$ or US-6783741-\$ or US-6838062-\$ or US-6869707-\$ or US-6875246-\$ or US-6887602-\$ or US-6913739-\$ or US-6926748-\$ or US-6936238-\$ or US-6984372-\$ or US-6986797-\$ or US-7005113-\$ or US-7008707-\$ or US-7066973-\$). did. or (US-7074373-\$ or US-7081144-\$ or US-7135048-\$ or US-7192460-\$ or US-7208241-\$ or US-7261963-\$).did. or (EP-1198020-\$).did. or (JP-2000191304-\$).did.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 13:48
S59	2	S58 and air anode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 13:50
S60	79	air suppl\$5 anode same fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 13:50
S61	23	S60 and @ad<"20020620"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 14:25
S62	7	S58 and switch	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 14:36
S63	0	S58 and bypass vavle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 14:36

## EAST Search History

S64	9	S58 and bypass valve	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/09/18 14:46
S65	14	(("7135048") or ("6383670") or ("20030093950") or ("6921516") or ("20030188475") or ("6521204") or ("6596424") or ("20030014918") or ("6926748") or ("6838200") or ("7008707") or ("20030200699") or ("6875246") or ("7066973")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 14:48